

KRC-802/882/902

SERVICE MANUAL

KENWOOD

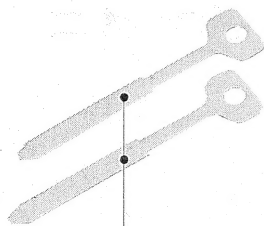
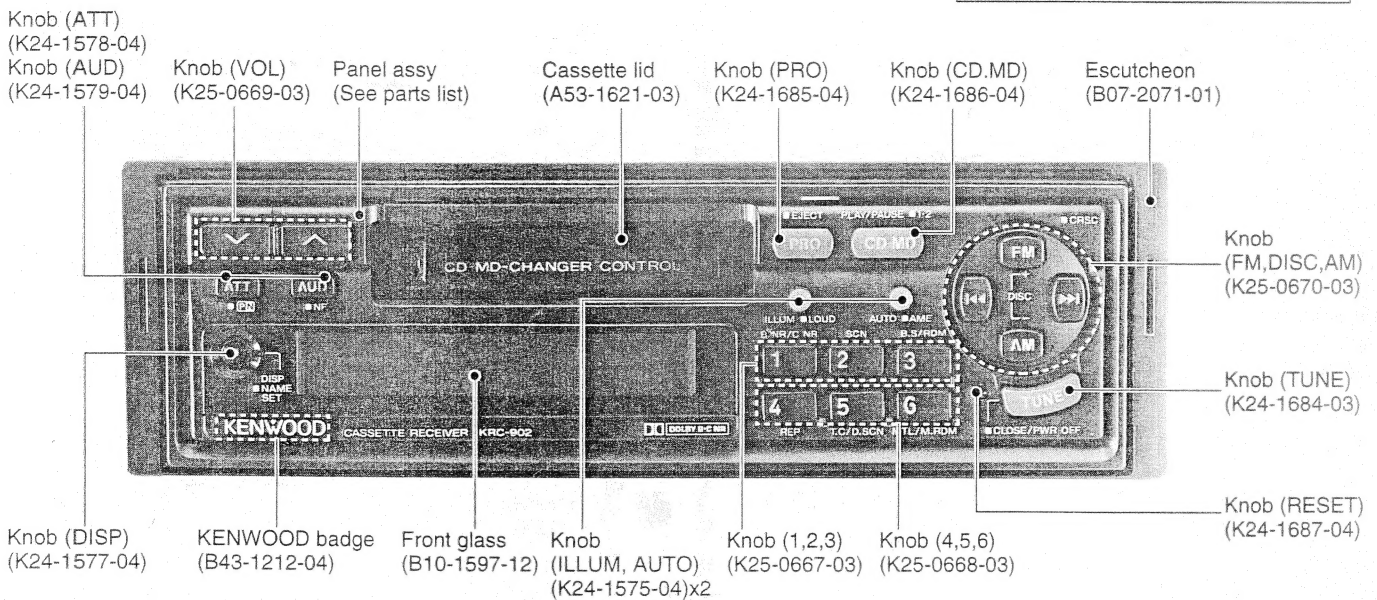
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B51-7014-00 (K) 1657

Please see service manuals KRC-901/991 (B51-6846-00) and KRC-980/890 (B51-6701-00), if you need to refer the following descriptions.

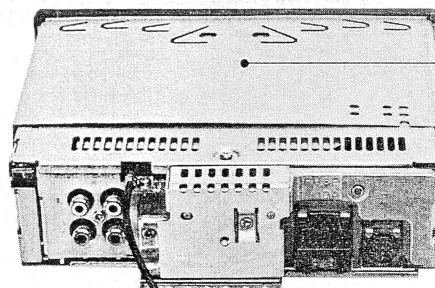
- Retractable mechanism (ME2) operation (on service manual KRC-901/991).
- Cassette mechanism (ME1) operation (on service manual KRC-980/890).

Cassette mechanism extension
cord for service
W05-0476-00 (9P)
W05-0478-00 (12P)

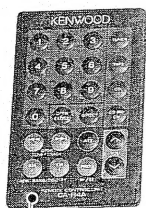
Photo is KRC-902.



Lever
(D10-3023-04)x2

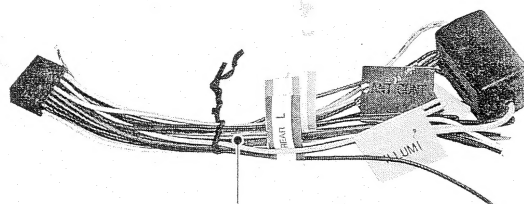


Mounting hardware assy
(J21-7566-13)



Remote controller
(A70-0837-05)

-KRC-882 and 902 only-



CD cord assy
(E30-4337-05)



Blind plate assy
(F19-1267-04)



Screw set
(N99-1622-05)



Stay
(J54-0071-04)

KRC-802/882/902

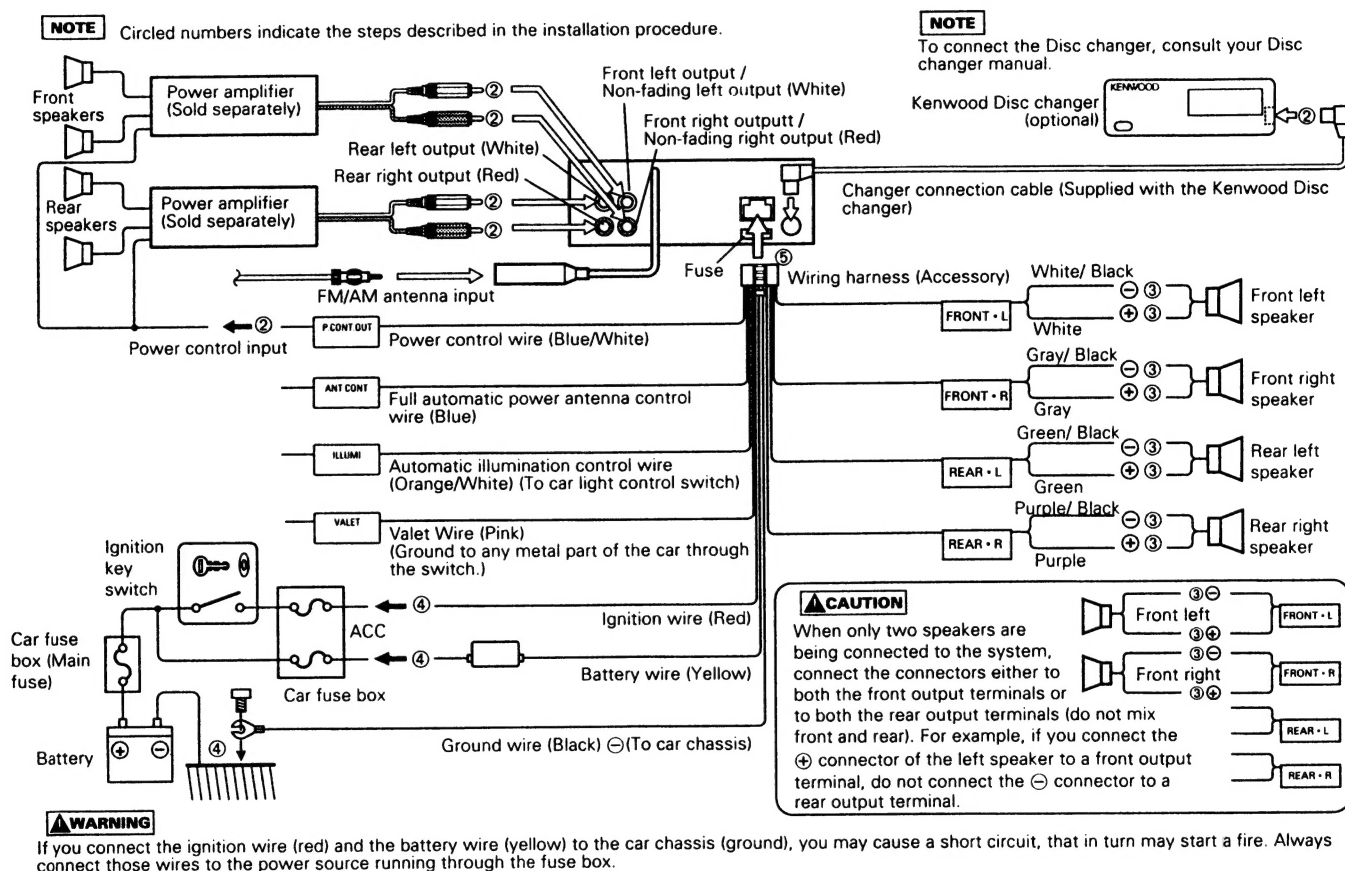
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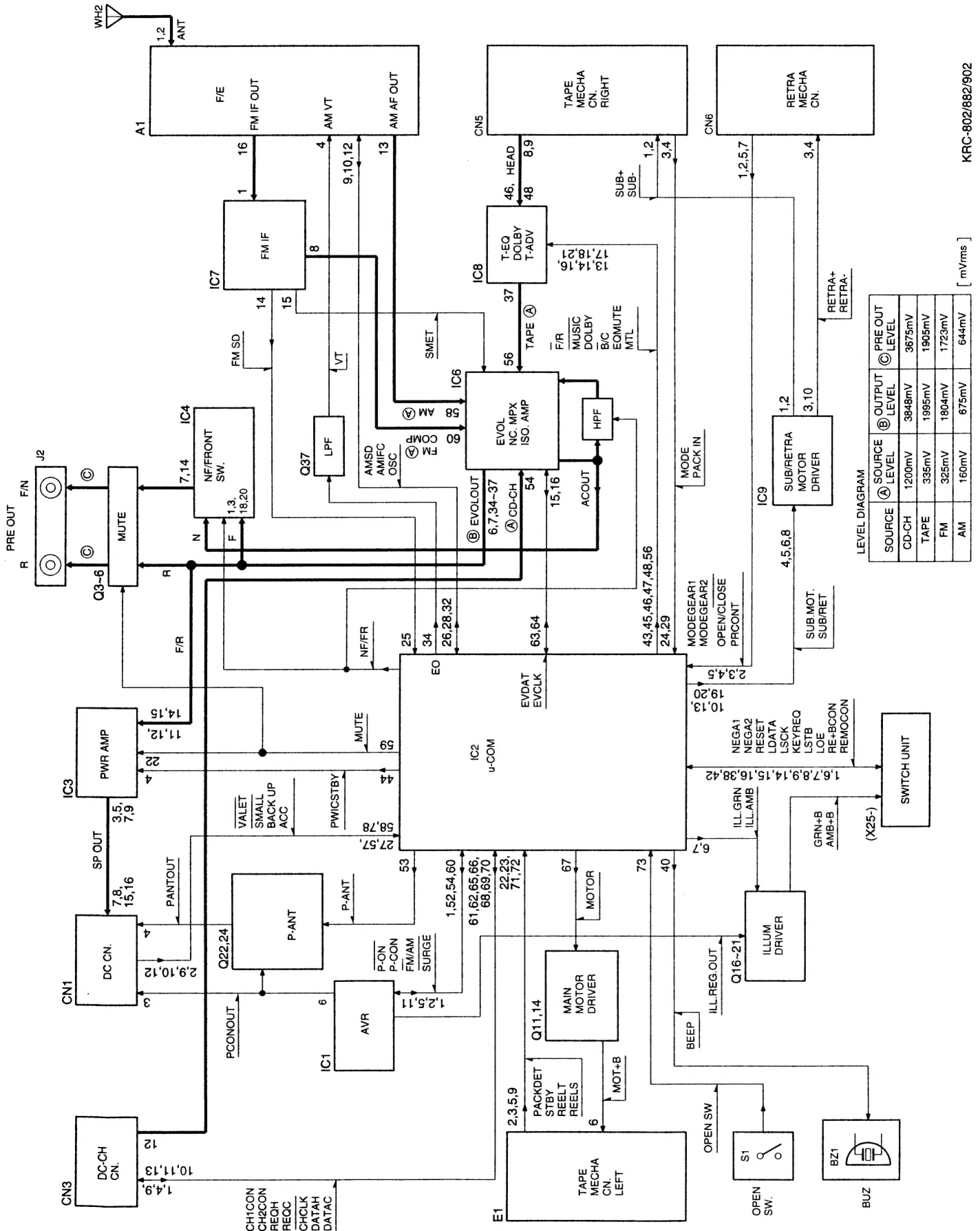
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CONNECTING CABLE TO TERMINALS



KRC-802/882/902

BLOCK DIAGRAM

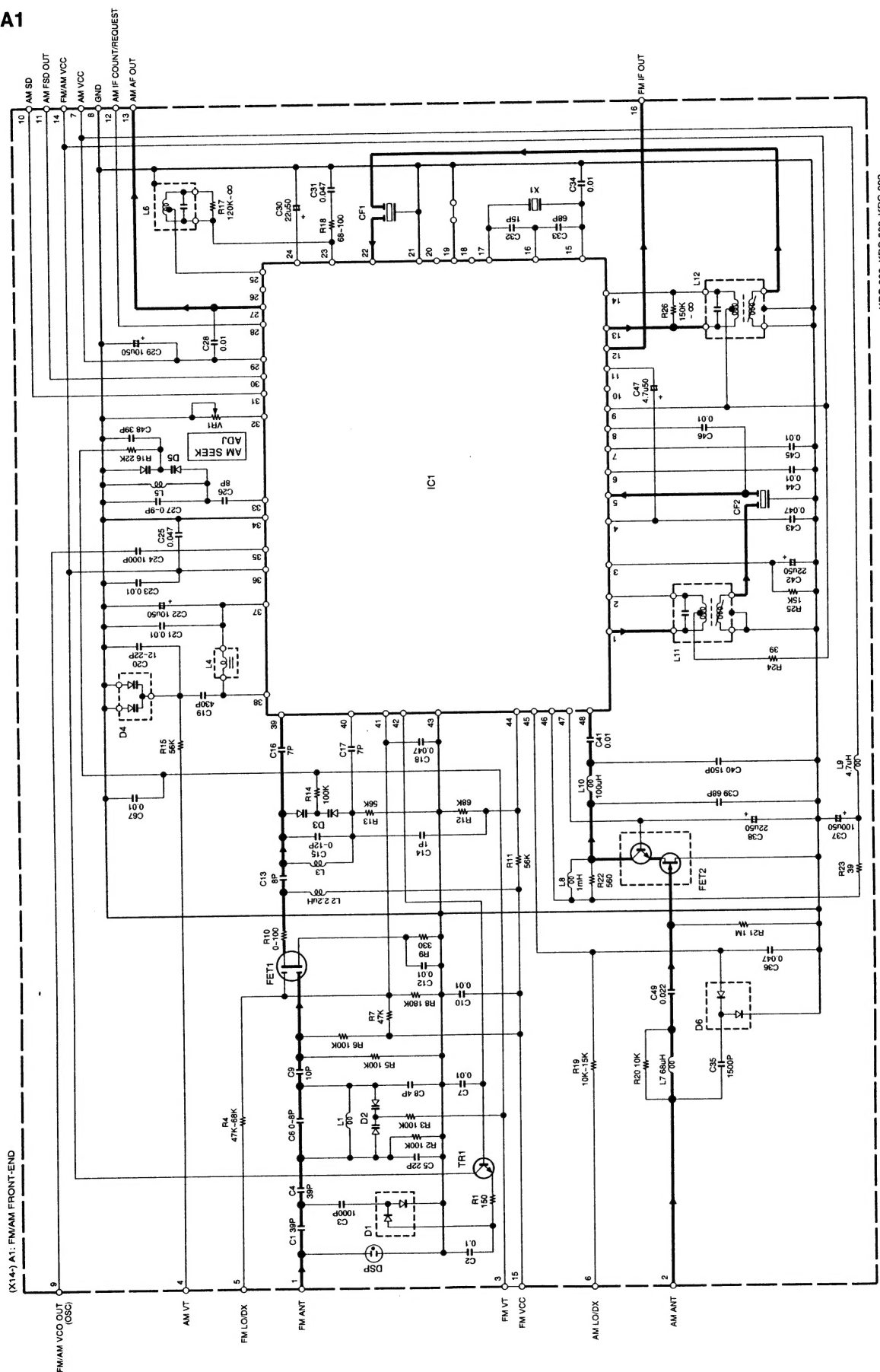


KRC-802/882/902

KRC-802/882/902

FM/AM FRONT-END SCHEMATIC

(X14)-A1



KRC-802, KRC-882, KRC-902

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CIRCUIT DESCRIPTION

(X14-) IC2 : MICRO COMPUTER

X14 IC2: MICRO COMPUTER

No.	Pin Name	I/O	Function					STBY
1	SURGE	I	Surge detection.					
2	MODE-GEAR-1	I	Retractable mechanism - frame position detection.					
3	MODE-GEAR-2	I	Retractable mechanism - shutter position detection.					
4	OPEN/CLOSE	I	Retractable mechanism - close position detection.					
5	PR-CONT	I	Retractable mechanism - presence detection.					
6	ILLUM-AM	O	Illumination - amber output.					L
7	ILLUM-GR	O	Illumination - green output.					L
8	LCD-OE	O	LCD driver - output enable control output.					H
9	LCD-STB	O	LCD driver - strobe control output.					H
10	SUB/RETRA	O	Sub-motor control switching output. (H : Retractable mechanism, L : Cassette mechanism) (※4)					L
11	LCD-NEGA-1	O	LCD negative display control output.	Posi	L	Nega	Opposite phase to each other 250Hz Duty 50%	L
12	LCD-NEGA-2	O			L			L
13	SUB-MOTOR-3	O	Sub-motor control output 3 (※4).					L
14	LCD-CLK	O	LCD driver - clock signal output.					H
15	LCD-KEY-REQ	I	LCD driver - key request signal input.					
16	LCD-DATA	I/O	LCD driver - data signal input/output.					H
17	MS-CTRL	O	Tape music selection sensitivity control output.					H
18	CRSC	O	CRSC ON/OFF control.					L
19	SUB-MOTOR-1	O	Sub-motor control output 1 (※4).					L
20	SUB-MOTOR-2	O	Sub-motor control output 2 (※4).					L
21	GND	—	Grounding terminal.					
22	REEL-S	I	Cassette mechanism reel pulse (supply reel) detection.					
23	REEL-T	I	Cassette mechanism reel pulse (take-up reel) detection.					
24	MODE	I	Cassette mechanism mode pulse detection.					
25	FM-SD	I	FM SD level detection (※1).					
26	AM-SD	I	AM SD level detection (※2).					
27	ACC	I	Acc input detection.					
28	AM-IFC	I	AM intermediate frequency counter input.					
29	PACK-IN	I	Cassette mechanism pack insertion detection.					
30	VDD	—	Positive power supply terminal.					
31	FM-IN	I	FM OSC input.					
32	AM-IN	I	AM OSC input.					
33	GND	—	Grounding terminal.					
34	EO-0	O	PLL LPF charge pump output.					
35	EO-1	O	Not used.					
36	TEST-0	O	Test terminal.					
37	IF-CTRL	O	AM IF count control.					L
38	REMO +5	O	Remote control power control output. ("High" is output while Acc is ON.)					L
39	TEST	O	Test mode judging output. ("High" is output in test mode.)					L
40	BEEP	O	Beep output. (1.00 kHz/3.00 kHz)					L

※1. Detection voltage of FM SD level detection terminal

- In normal modes : SD is OK if the level is 0.595 V or more.
- In test mode : SD is OK if the level is between 0.595 V and 0.654V

※2. Detection voltage of AM SD level detection terminal

- In normal and test modes : SD is OK if the level is 2.5 V or more.

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CIRCUIT DESCRIPTION

(X14-) IC2 : MICRO COMPUTER

No.	PIN NAME	I/O	FUNCTION	STBY
41	NC	-	Not used.	
42	REMO-CON	I	Remote control signal input.	
43	FWD/REV	O	Tape - EQ amp input switch.	L
44	PWIC-STBY	O	Power IC stand-by control.	L
45	METAL	O	Tape - equalizer control.	L
46	DOLBY	O	Tape - Dolby ON/OFF control output.	L
47	EQ-MUTE	I/O	Input only during reset : Tape EQ muting control output.	L
48	DOL-B/C	I/O	Input only during reset : Tape Dolby B/C switching control output (KRC-902 only).	L
49	SEL-1	I/O	Model identification during reset (※3). Pre-out switching in other modes (NF output = "H").	L
50	SEL-0	I/O	Model identification during reset (※3). "Low" output in other modes.	L
51	NC	O	Not used.	L
52	P-ON	O	System power control.	H
53	P-ANT	O	Power antenna output.	L
54	P-CON	O	Power control output.	L
55	KICK	O	Cassette mechanism protection output.	L
56	MUSIC	I	Music presence detection.	
57	SMALL	I	Small input.	
58	VALET	I	Valet input.	
59	MUTE	O	Audio muting output.	L
60	FM/AM	O	FM/AM band switching power output. (H : AM. L : FM.)	L
61	CH2-CON	O	Disc-changer 2 control.	L
62	CH1-CON	O	Disc-changer 1 control.	L
63	E-VOL-DATA	I/O	Electronic volume - data signal input/output.	L
64	E-VOL-CLK	O	Electronic volume - clock signal output.	L
65	REQ-C	I	Communication handshake request from disc-CH. DISC-CH => Head unit.	
66	REQ-H	O	Communication handshake request, send request. Head unit => DISC-CH.	H
67	MOTOR	O	Cassette mechanism main motor control.	L
68	CH-CLK	I	DISC-CH - clock signal input. DISC-CH => Head unit.	
69	DATA-H	O	DISC-CH - data signal output. Head unit => DISC-CH.	L
70	DATA-C	I	DISC-CH - data signal input. DISC-CH => Head unit.	
71	PACK-DET	I	Cassette mechanism - cassette shell presence detection.	
72	STBY	I	Cassette mechanism - stand-by position detection.	
73	OPEN-SW	I	Retractable mechanism - forced open switch input.	
74	VREF	-	CPU regulator output terminal.	
75	GND	-	Grounding terminal.	
76	X-OUT	O	Crystal oscillator connection terminals.	
77	X-IN	I		
78	BACK-UP	I	Momentary power-down detection. (L : B.U. OFF.)	
79	VDD1	-	Positive power supply terminal.	
80	RESET	I	Reset switch detection.	

※3. Model identification

Model	SEL-1	SEL-2
KRC-902	H	L
KRC-882	L	H
KRC-802	L	H

※4. Sub-motor control logic

	SUB/RETRA	SUB-MOTOR-1	SUB-MOTOR-2	SUB-MOTOR-3
C mechanism forward	L	H	L	L
C mechanism reverse	L	H	L	H
Retractable mechanism forward	H	L	H	H
Retractable mechanism reverse	H	L	H	L
Motor stop	L	L	L	L

KRC-802/882/902

CIRCUIT DESCRIPTION

INITIAL SETTING METHOD

• Caution in switching power ON

When the retractable mechanism is not in the closed state during reset start operation, the retractable mechanism starts to operate.

To avoid the operation of the retractable mechanism when switching power ON while it is in the open state, set the "REQ C" and "CH CLK" terminals of the 13-pin Changer connector to the "Low" levels.

• Destination switching method

The FM/AM frequency steps can be switched (between 200 kHz/10 kHz and 50 kHz/9 kHz) by resetting the unit while holding the "1" and "5" keys depressed.

To return to the original destination, just reset the unit.

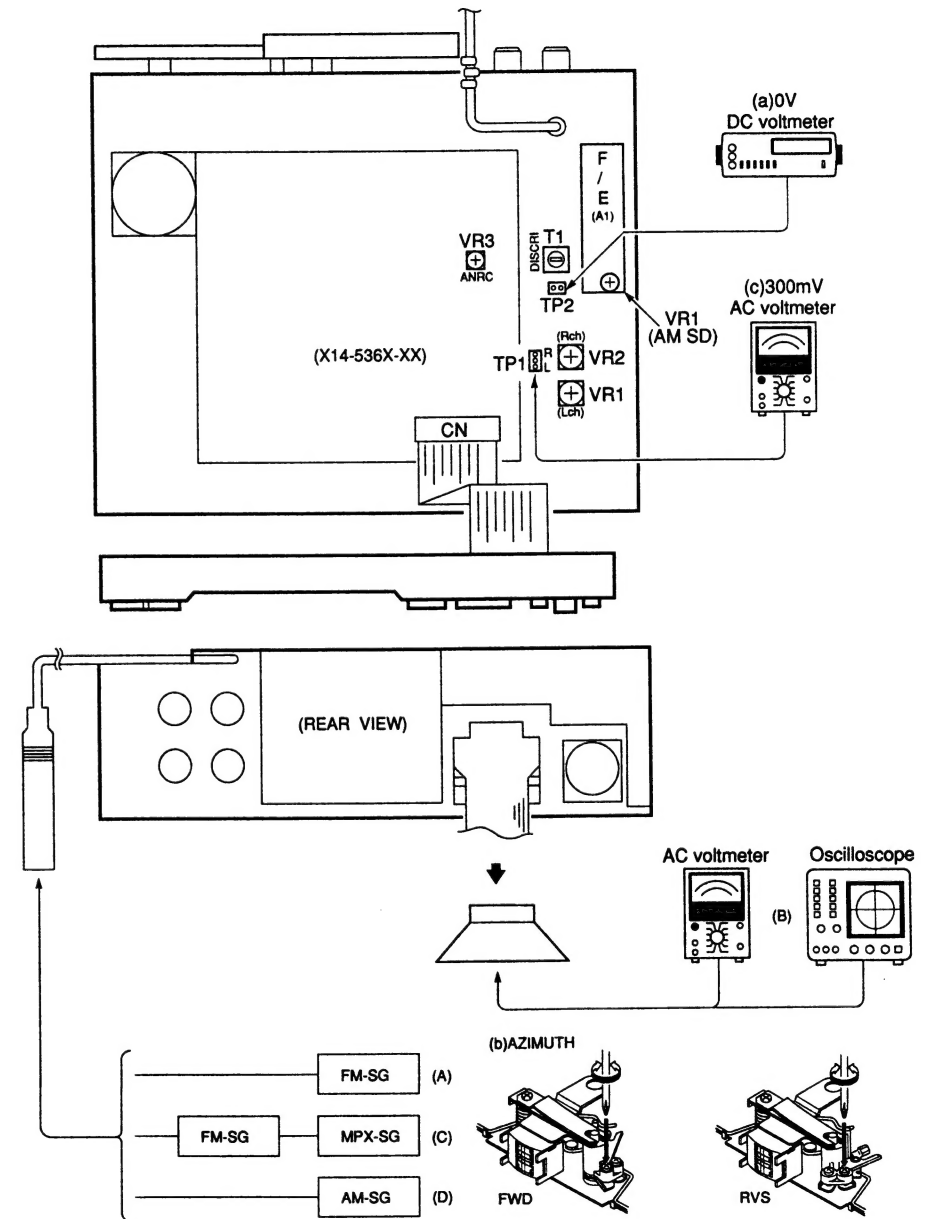
TEST MODE

To enter the test mode, reset the unit while holding the "FM" and "4" keys depressed.

In the test mode, the output from pin 39 is "High" so the temperature protection of the Power IC is inhibited.

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ADJUSTMENT



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ADJUSTMENT

Set the controls and switches as follows,

BALANCE : center position LOUD : OFF LOCAL : OFF
 FADER : center position T.ADV : OFF AUTO : OFF
 BASS : center position METAL : OFF
 TREBLE : center position DOLBY NR. : OFF

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER) SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0dev 60dBu(ANT input)	Connect a DC voltmeter to TP2.	FM 98.1MHz	T1 (X14)	0V	(a)
2	ANRC	(C) 98.1 MHz 1kHz, ±67kHz dev. Pilot : ±7.5kHz dev. Selector : L or R 35dBu(ANT input)	(B)	FM 98.1MHz	VR3 (X14-)	Separation 10dB	
AM SECTION							
(1)	SIGNAL METER (STOP LEVEL)	(D) 990kHz 0% mode 35dBu(ANT INPUT)	-	AM 990kHz	VR1 (A1 in X14)	Stop	
CASSETTE DECK SECTION							
[1]	AZIMUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch/R ch or FWD/RVS becomes maximum.	(b)
[2]	PLAY-BACK LEVEL	MTT-150	Connect an AC voltmeter to TP1.	TAPE PLAY	VR1(L) VR2(R) (X14)	300mV	(c)

*Test mode : Press the "RESET" key while holding the "FM" and "4" keys depressed.(All of the LCD elements light.)

Then, press the "SOURCE" key.

To quit : Power OFF.

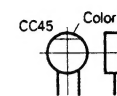
KRC-802/882/902

PARTS DESCRIPTIONS

CAPACITORS

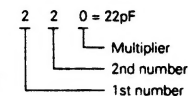
CC 45 TH 1H 220 J
 1 2 3 4 5 6
 1 = Type ... ceramic, electrolytic, etc.
 2 = Shape ... round, square, ect.
 3 = Temp. coefficient

4 = Voltage rating
 5 = Value
 6 = Tolerance



Capacitor value

010 = 1pF
 100 = 10pF
 101 = 100pF
 102 = 1000pF = 0.001μF
 103 = 0.01μF



Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40	+80	+100	More than 10μF - 10 ~ +50 Less than 4.7μF - 10 ~ +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

Voltage rating

2nd word	A	B	C	D	E	F	G	H	J	K	V
1st word	0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

Chip capacitors

(EX) C C 7 3 F S L 1 H 0 0 0 J
 1 2 3 4 5 6 7

(Chip) (CH, RH, UJ, SL)

(EX) C K 7 3 F F 1 H 0 0 0 Z
 1 2 3 4 5 6 7

(Chip) (B, F)

Refer to the table above.

1 = Type
 2 = Shape
 3 = Dimension
 4 = Temp. coefficient
 5 = Voltage rating
 6 = Value
 7 = Tolerance

Dimension (Chip capacitors)

Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

Chip resistor (Carbon)

(EX) R K 7 3 E B 2 B 0 0 0 J
 1 2 3 4 5 6 7

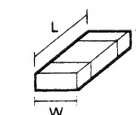
(Chip) (B, F)

Carbon resistor (Normal type)

(EX) R D 1 4 B B 2 C 0 0 0 J
 1 2 3 4 5 6 7

1 = Type
 2 = Shape
 3 = Dimension
 4 = Temp. coefficient
 5 = Rating wattage
 6 = Value
 7 = Tolerance

Dimension



Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6 ± 0.2	0.8 ± 0.2	0.5 ± 0.1

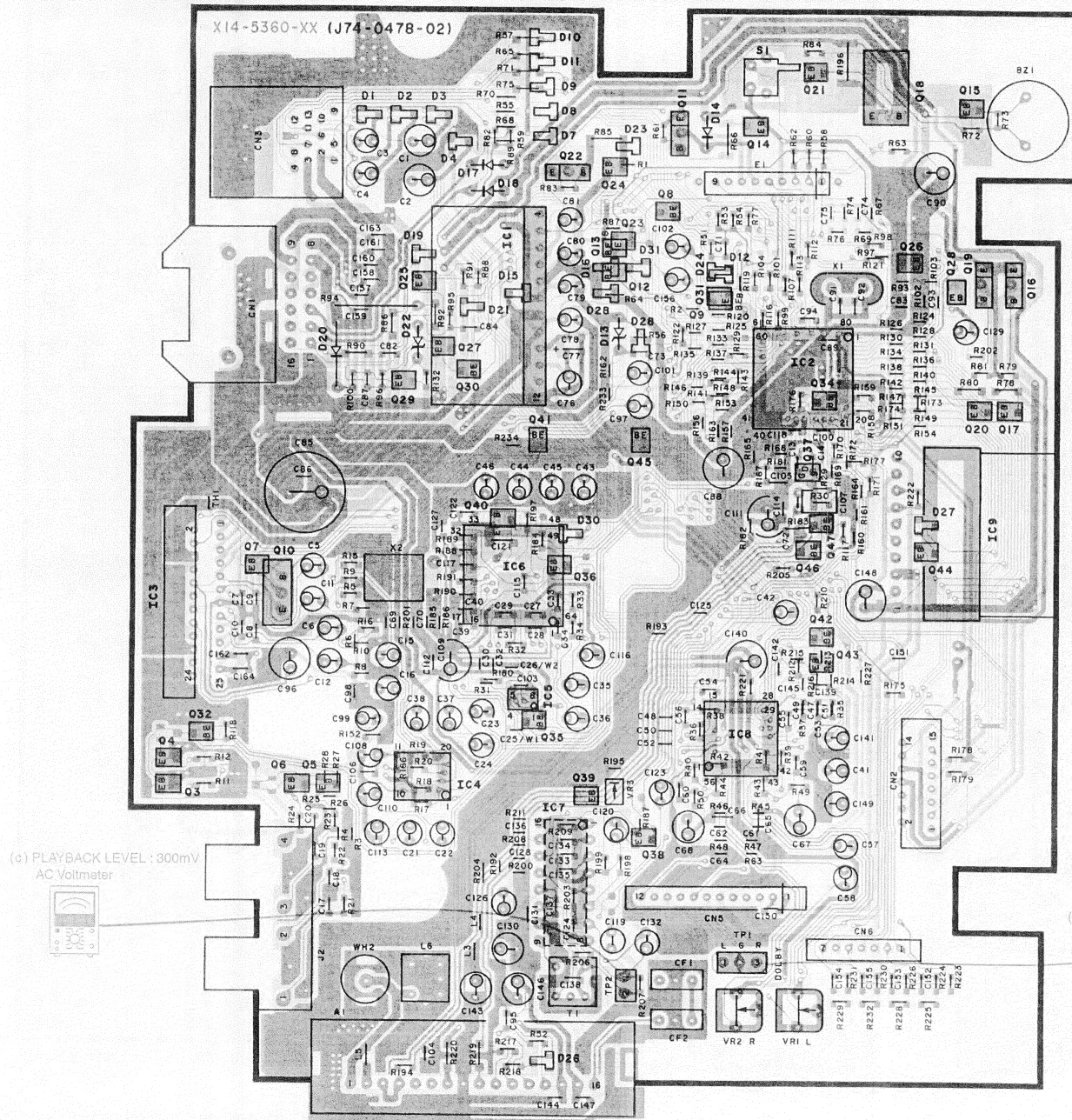
Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

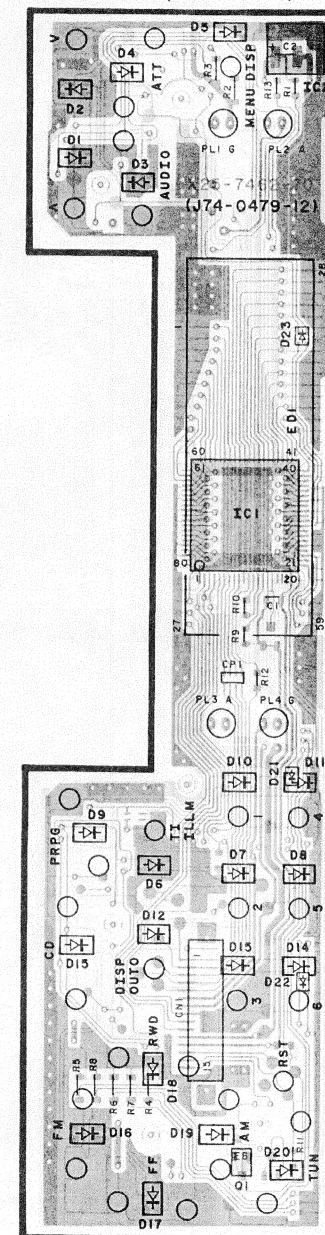
A B C D E F G H I J

PC BOARD (Foil side view)

SYNTHESIZER UNIT (X14-536X-XX) 0-10:902, 0-11:802, 0-21:882

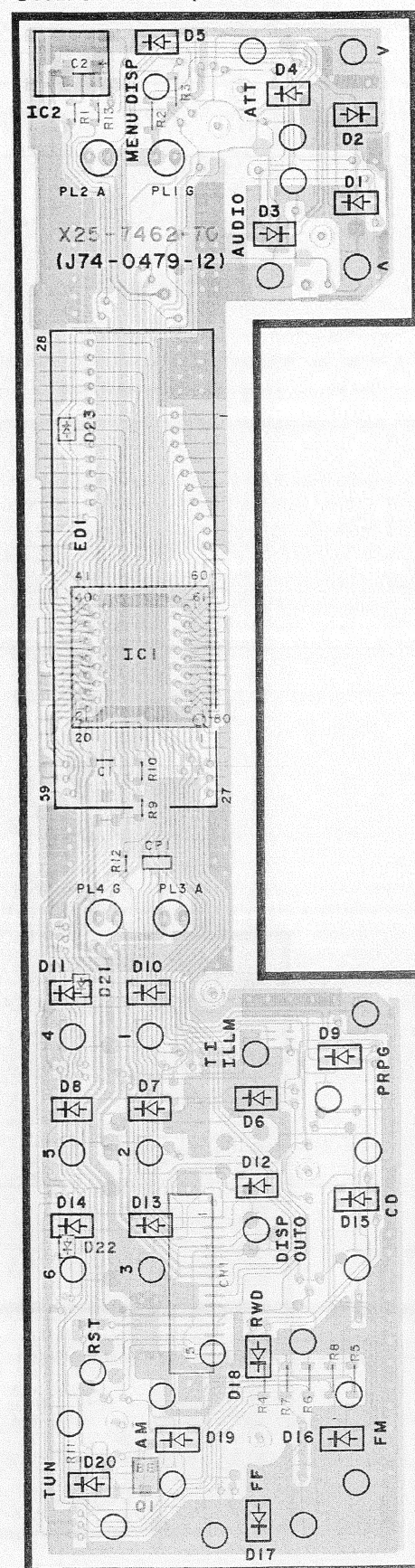


SWITCH UNIT (X25-7462-70)

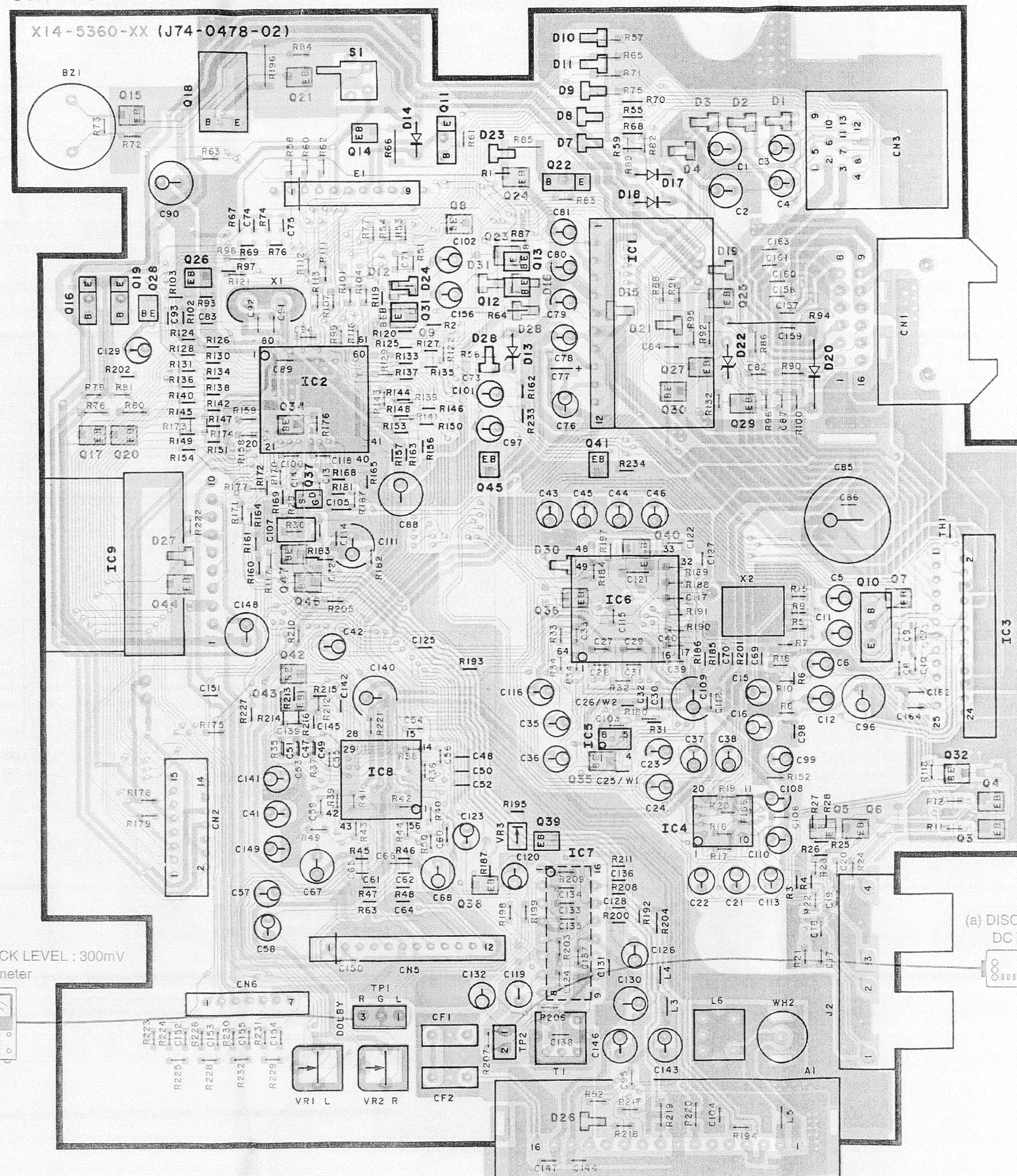


PC BOARD (Component side view)

SWITCH UNIT (X25-7462-70)

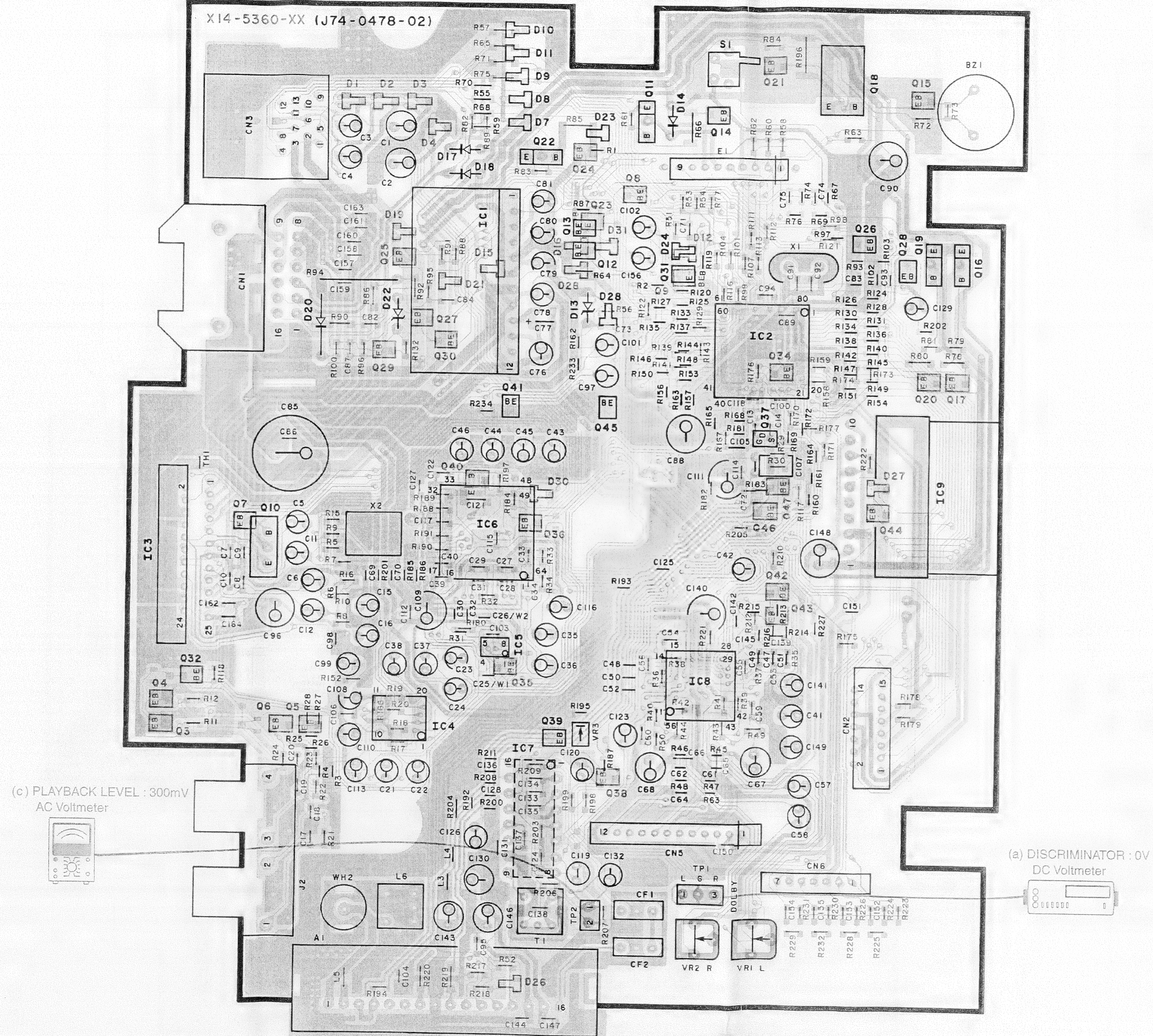


SYNTHESIZER UNIT (X14-536X-XX) 0-10:902, 0-11:802, 0-21:882

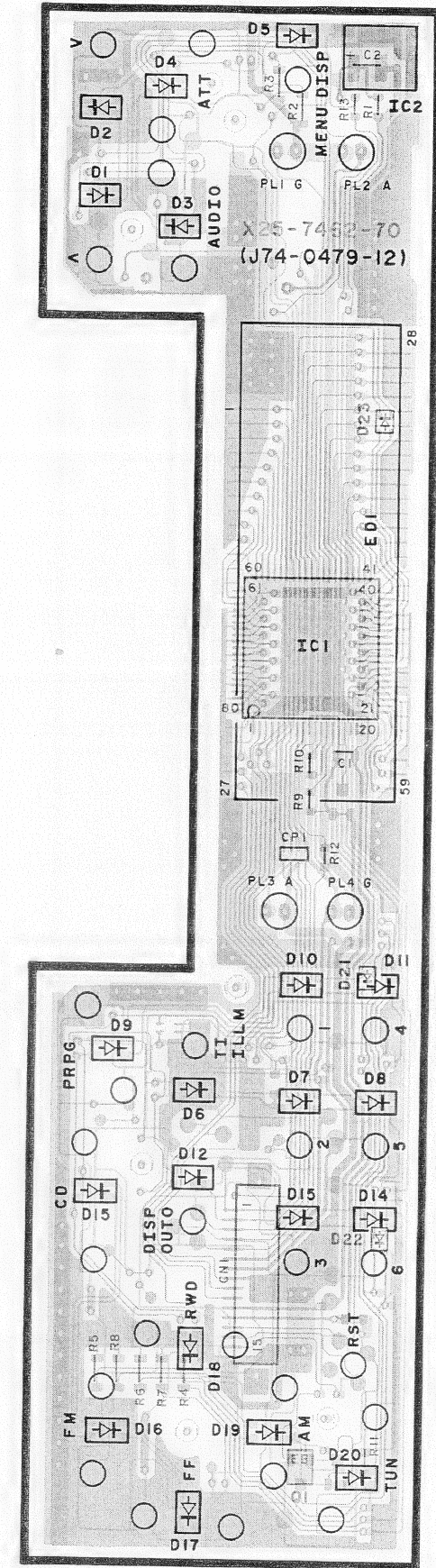


PC BOARD (Foil side view)

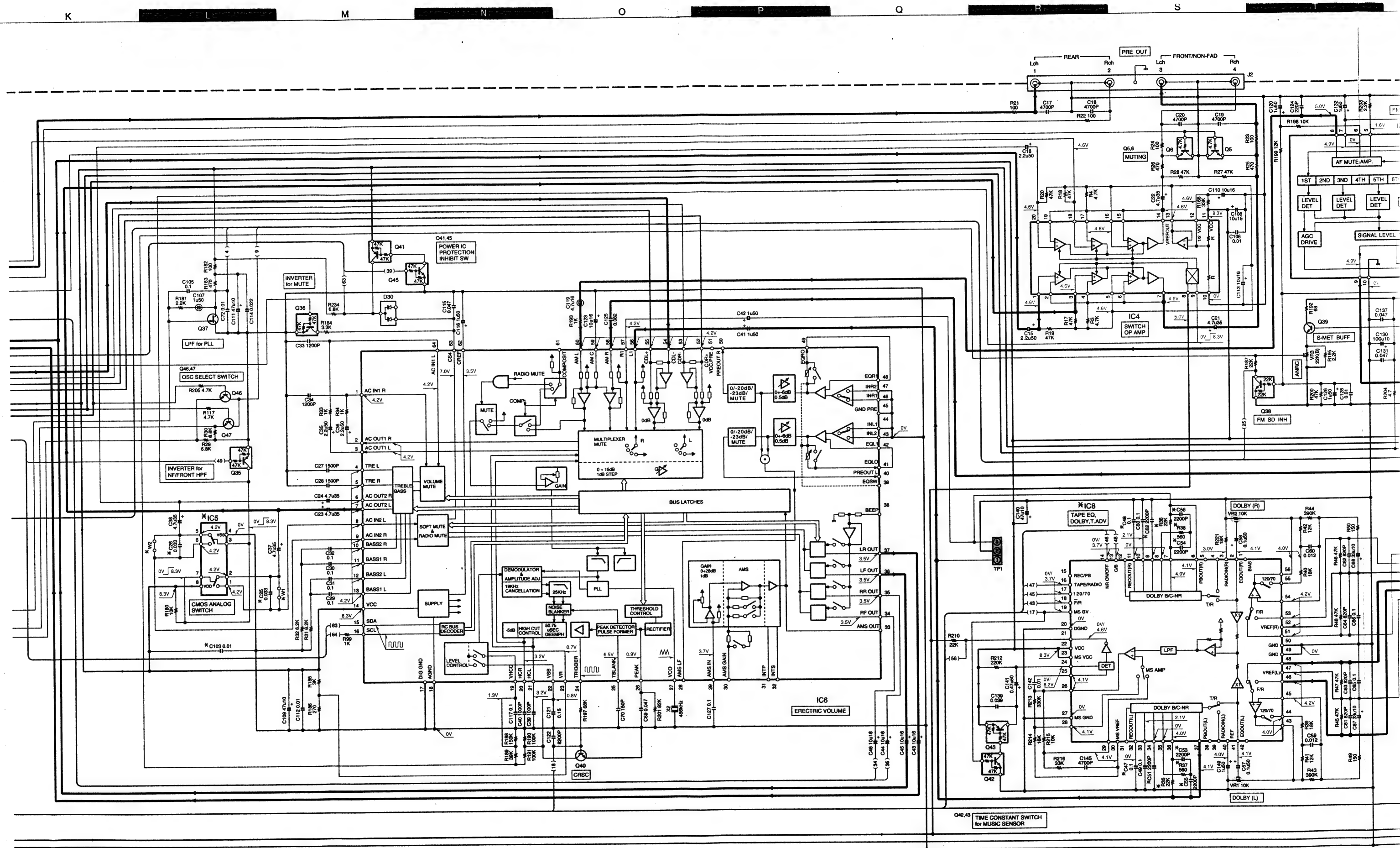
SYNTHESIZER UNIT (X14-536X-XX) 0-10:902, 0-11:802, 0-21:882

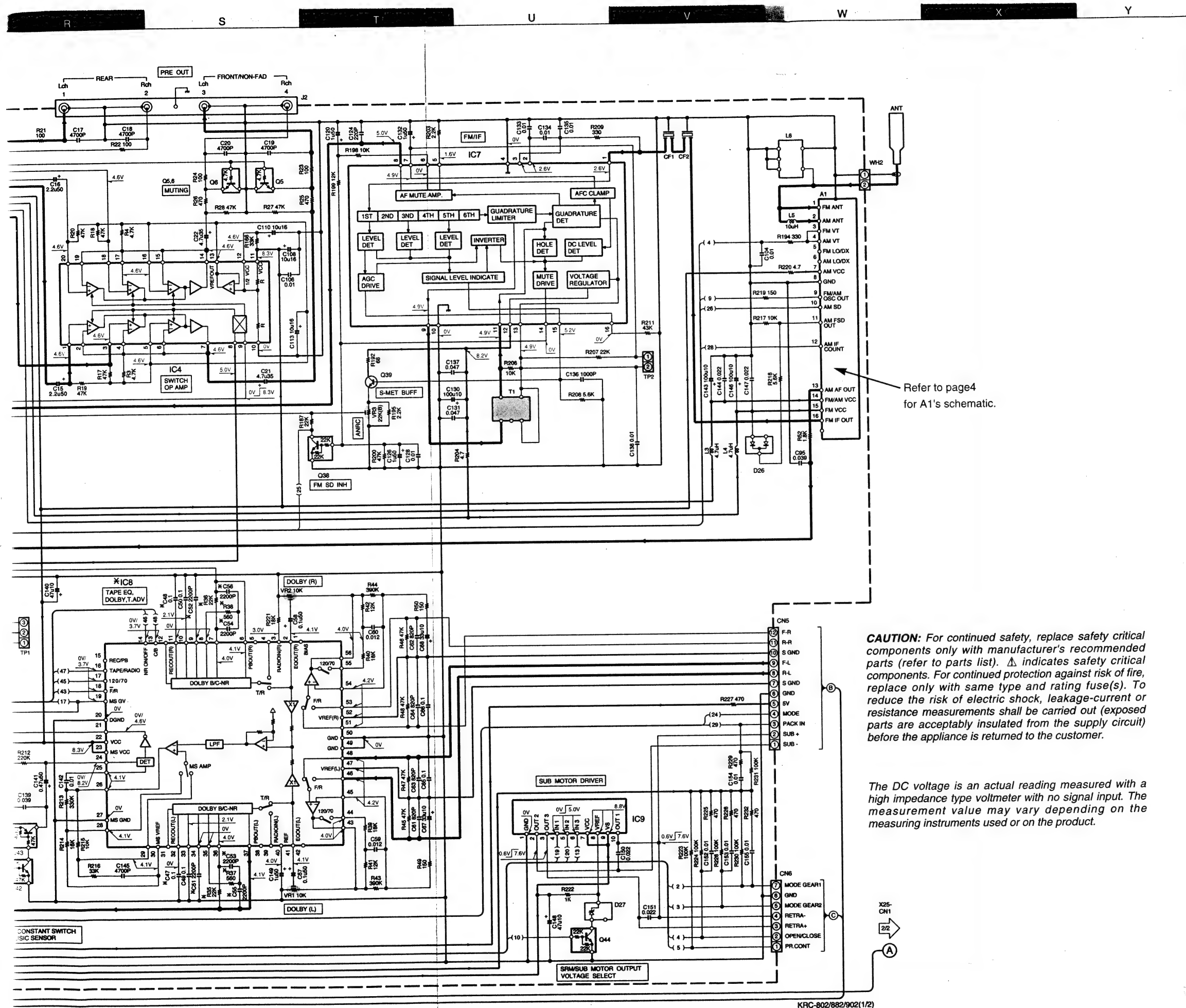


SWITCH UNIT (X25-7462-70)



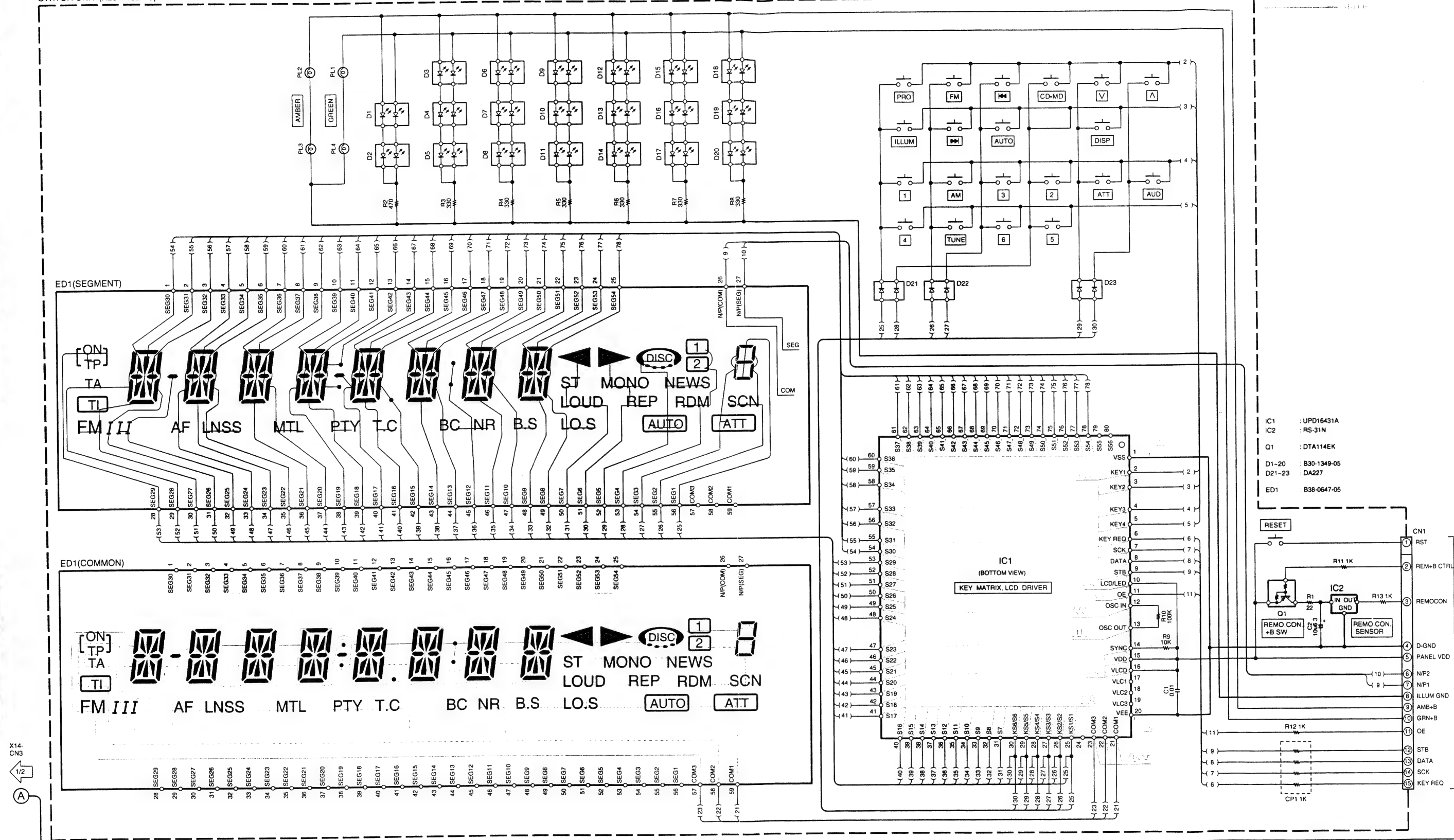
Refer to the schematic diagram for the values of resistors and capacitors.





CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



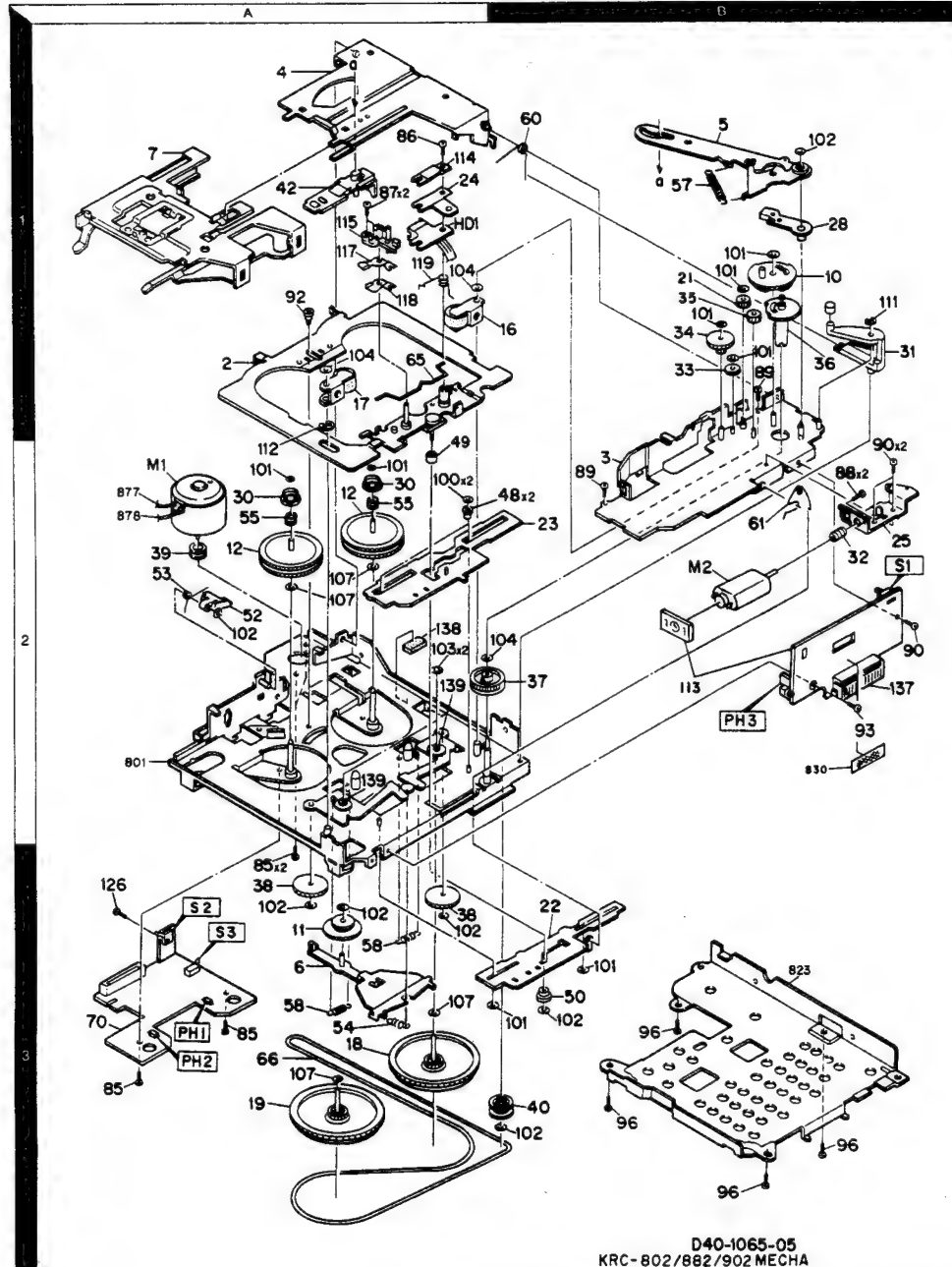
KRC-802/882/902 (2/2)

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). 1. indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuses. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

KRC-802/882/902

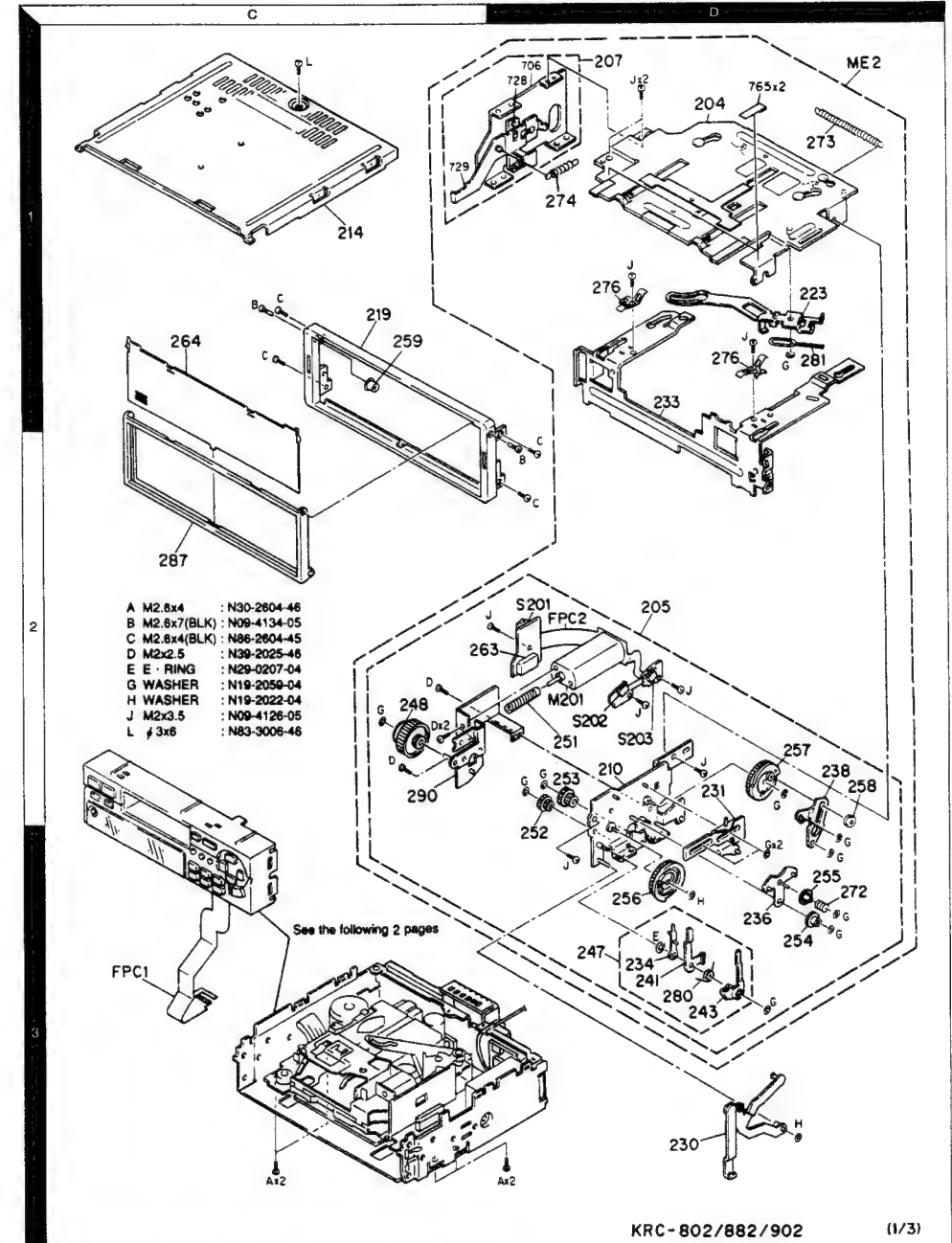
EXPLODED VIEW(MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-802/882/902

EXPLODED VIEW(UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

F



See the 2 pages back

Parts with the exploded numbers larger than 700 are not supplied.

10



PA1



25

KRC-802/882/902

PARTS LIST

*New Parts

Parts without Part No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d d w	Parts No.	Description	Model Name KRC-	Destination
KRC-802/882/902					
204	1D	A10-4202-02	CHASSIS CALKING ASSY		
205	2D	A10-2423-72	CHASSIS ASSY		
207	1D	A10-4203-04	CHASSIS CALKING ASSY		
210	2D	A10-2428-33	CHASSIS CALKING ASSY		
214	1C	A52-0692-02	TOP PLATE		
CL1	3G	A53-1621-03	CASSETTE LID		
ME2	1D	A10-4204-02	RETRACTABLE MECHANISM ASSY	902 K	
PA1	3G	A64-0697-02	PANEL ASSY	802 K	
PA1	3G	A64-0698-02	PANEL ASSY	882 M	
RC1	1E	A70-0637-05	REMOTE CONTROLLER	882 M	
RC1	1E	A70-0637-05	REMOTE CONTROLLER	902 K	
219	1C	B07-2071-01	ESCUTOHEON		
220	3G	B10-1597-12	FRONT GLASS		
222	3G	B43-1212-04	KENWOOD BADGE		
-	-	B46-0100-40	WARRANTY CARD		
-	-	B46-0172-13	QUESTIONNAIRE CARD	802 K	
-	-	B46-0172-13	QUESTIONNAIRE CARD	902 K	
-	-	B58-1213-04	CAUTION CARD (Listening)	902 K	
-	-	B58-1213-04	CAUTION CARD (Listening)	902 K	
-	-	B58-1223-04	CAUTION CARD (CH, 4-Langue.)		
-	-	B58-1234-04	CAUTION CARD (No ACC, Earth)		
-	-	B64-0745-00	INST. MANUAL (ENG., FRE.)	802 K	
-	-	B64-0745-00	INST. MANUAL (ENG., FRE.)	902 K	
-	-	B64-0746-00	INST. MANUAL (SPANISH)	802 K	
-	-	B64-0746-00	INST. MANUAL (SPANISH)	902 K	
-	-	B64-0747-00	INST. MANUAL (ENG., CHI.)	882 M	
223	1D	D10-2990-44	ARM		
230	3D	D10-3050-04	ARM ASSY		
231	2D	D10-3000-24	LEVER ASSY		
233	1D	D10-3045-02	LEVER		
234	3D	D10-3004-24	ARM ASSY		
236	3D	D10-3006-14	ARM ASSY		
238	2D	D10-3049-04	ARM ASSY		
241	3D	D10-3011-24	ARM		
243	3D	D10-3013-04	ARM ASSY		
246	1E	D10-3023-04	LEVER (Accessory)		
247	3D	D10-3030-34	ARM ASSY		
248	2C	D13-1195-24	GEAR ASSY		
251	2D	D13-1198-04	GEAR		
252	3D	D13-1199-04	GEAR		
253	2D	D13-1200-14	GEAR		
254	3D	D13-1201-04	GEAR		
255	3D	D13-1202-04	GEAR		
256	3D	D13-1203-13	GEAR		
257	2D	D13-1218-03	GEAR		
258	2D	D14-0661-04	ROLLER		
259	1C	D23-0924-04	RETAINER		
ME1	2E	D40-1065-05	CASSETTE MECHANISM ASSY		
260	2G	E29-1470-04	LEAD PLATE		
263	2C	E40-9411-05	SOCKET FOR PIN ASSY		
DC1	1E	E30-4337-05	DC CORD ASSY (C.C.)		
264	1E	F19-1277-04	BLIND PLATE ASSY		
268	1E	F19-1267-04	BLIND PLATE ASSY (Accessory)		
F1	2F	F52-0006-05	MINI BLEDE FUSE 10A (C.C.)		
270	2G	G01-2720-04	TORSION COIL SPRING		
272	3D	G01-2722-04	COMPRESSION SPRING		
273	1D	G01-2723-04	EXTENSION SPRING		
274	1D	G01-2724-04	EXTENSION SPRING		
276	1D	G02-1208-04	FLAT SPRING		
280	3D	G09-2012-04	SPRING		
281	1D	G09-2013-14	SPRING		
-	-	H10-4530-02	FOAMED FIXTURE		
-	-	H25-0329-04	PROTECTION BAG (280X450)		
-	-	H25-0337-04	PROTECTION BAG (180X300)		
-	-	H54-0561-04	ITEM CARTON CASE	902 K	
-	-	H54-0562-04	ITEM CARTON CASE	802 K	
-	-	H54-0584-04	ITEM CARTON CASE	882 M	
-	-	H64-0617-04	OUTER CARTON CASE	902 K	
-	-	H64-0618-04	OUTER CARTON CASE	802 K	
-	-	H64-0620-04	OUTER CARTON CASE	882 M	
285	2G	J19-4587-14	HOLDER (Left)		
286	2H	J19-4588-03	HOLDER (Right)		
287	2C	J19-4644-03	HOLDER		
288	1E	J21-7566-13	MOUNTING HARDWARE ASSY		
290	2C	J21-7562-04	MOUNTING HARDWARE ASSY		
291	1E	J54-0071-04	STAY		
FPC1	3C	J84-0049-03	FLEXIBLE PRINTED BOARD		
FPC2	2D	J84-0050-03	FLEXIBLE PRINTED BOARD		
295	3H	K24-1684-03	KNOB (TUNE)		
296	3H	K24-1575-04	KNOB (ILLUM, AUTO)		
297	3H	K24-1687-04	KNOB (RESET)		
298	2G	K24-1577-04	KNOB (DISP)		
299	2G	K24-1578-04	KNOB (ATT)		
300	2G	K24-1579-04	KNOB (AUD)		
301	2H	K24-1685-04	KNOB (PRO)		
302	2H	K24-1686-04	KNOB (CD-MD)		
303	3H	K25-0667-03	KNOB (1, 2, 3)		
304	3H	K25-0668-03	KNOB (4, 5, 6)		
305	2G	K25-0669-03	KNOB (VOL)		
306	3H	K25-0670-03	KNOB (FM, DISC, AM)		
308	1F	N99-1622-05	SCREW SET (Accessory)		
A	3C	N30-2604-46	PAN HEAD MACHINE SCREW		
B	1C	N09-4134-05	STEPPED SCREW		
C	1C	N86-2604-45	BINDING HEAD TAPTITE SCREW		
D	2C	N39-2025-46	PAN HEAD MACHINE SCREW		
E	3D	N29-0207-04	RETAINING RING (2.5)		
G	3D	N19-2059-04	FLAT WASHER		
H	3D	N19-2022-04	FLAT WASHER		
J	1D	N09-4126-05	MACHINE SCREW (2X3.5)		
L	2E	N83-3006-46	PAN HEAD TAPTITE SCREW		
M	1H	N80-2008-46	PAN HEAD TAPTITE SCREW		
Q	2H	N80-2006-46	PAN HEAD TAPTITE SCREW		
S201	2D	S68-0814-05	PUSH SWITCH		

E: Europe K: North America M: Other Areas
W: Without Europe

A indicates safety critical components.

KRC-802/882/902

PARTS LIST

*New Parts

Parts without Part No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d d w	Parts No.	Description	Model Name KRC-	Destination
S202, 203	2D	S68-0816-05	PUSH SWITCH		
M201	2D	T42-0731-05	DC MOTOR		
SYNTHESIZER UNIT (X14-5360-xx)					
C1, 2	2	C90-2858-05	ELECTRO	47UF 6.3WV	
C3, 4	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C5, 6	2	C90-2561-05	ELECTRO	0.22UF 50WV	
C7, 10	2	CK73FB1H821K	CHIP C	820PF K	
C11, 12	2	C90-2561-05	ELECTRO	0.22UF 50WV	
C13, 14	2	CK73FB1H103K	CHIP C	0.010UF K	
C15, 16	2	C90-2862-05	ELECTRO	2.2UF 50WV	
C17, 20	2	CK73FB1H472K	CHIP C	4700PF K	
C21, 24	2	C90-2863-05	ELECTRO	4.7UF 35WV	
C25, 26	2	CK73FB1E333KTA	CHIP C	0.033UF K	802 K
C25, 26	2	CK73FB1E333KTA	CHIP C	0.033UF K	902 K
C27, 28	2	CK73FB1H152K	CHIP C	1500PF K	
C29, 32	2	CK73FB1C104K	CHIP C	0.10UF K	
C33, 34	2	CK73FB1H122K	CHIP C	1200PF K	
C35, 36	2	C90-2862-05	ELECTRO	2.2UF 50WV	
C37, 38	2	C90-2863-05	ELECTRO	4.7UF 35WV	
C39, 40	2	CK73FB1H102K	CHIP C	1000PF K	
C41, 42	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C43, 46	2	C90-2861-05	ELECTRO	10UF 16WV	
C47, 48	2	CK73FB1C104K	CHIP C	0.10UF K	902 K
C49, 50	2	CK73FB1C104K	CHIP C	0.10UF K	
C51, 56	2	CK73FB1H222K	CHIP C	2200PF K	902 K
C57, 58	2	C90-2859-05	ELECTRO	0.1UF 50WV	
C59, 60	2	CK73FB1H123K	CHIP C	0.012UF K	
C61, 64	2	CK73FSL1H821J	CHIP C	820PF J	
C65, 66	2	CK73EB1H104K	CHIP C	0.10UF K	
C67, 68	2	C90-2857-05	ELECTRO	33UF 10WV	
C69	2	CK73FB1E473KTA	CHIP C	0.047UF K	
C70	2	CK73FCH1H151J	CHIP C	150PF J	
C71	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C72	2	CK73FB1H103K	CHIP C	0.010UF K	
C73	2	CK73FB1E473KTA	CHIP C	0.047UF K	
C74, 75	2	CK73FB1H103K	CHIP C	0.010UF K	
C76	2	C90-2861-05	ELECTRO	10UF 16WV	
C77	2	C92-0009-05	CHIP-TAN	4.7UF 10WV	
C78, 81	2	C90-2861-05	ELECTRO	10UF 16WV	
C82	2	CK73FB1H103K	CHIP C	0.010UF K	
C83, 84	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C85	2	C90-2855-05	ELECTRO	4700UF 16WV	
C86, 87	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C88	2	C90-2831-05	ELECTRO	100UF 6.3WV	
C89	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C90	2	CE04DW1A221M	ELECTRO	220UF 10WV	
C91, 92	2	CK73FCH1H220J	CHIP C	22PF J	
C93	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C94	2	CK73FB1C104K	CHIP C	0.10UF K	
C95	2	CK73FB1E393KTA	CHIP C	0.039UF K	
C96	2	C90-2564-05	ELECTRO	100UF 16WV	
C97	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C98	2	CK73FB1H332K	CHIP C	3300PF K	
C99	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C100	2	CK73FB1H331K	CHIP C	3300PF K	
C101, 102	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C103	2	CK73FB1H103K	CHIP C	0.010UF K	802 K
C103	2	CK73FB1H103K	CHIP C	0.010UF K	902 K
C104	2	CK73FB1H103K	CHIP C	0.010UF K	
C105	2	CK73EB1H104K	CHIP C	0.10UF K	
C106	2	CK73FB1H103K	CHIP C	0.010UF K	
C107	2	C90-2658-05	NP-ELEC	1.0UF 50WV	
C108	2	C90-2861-05	ELECTRO	10UF 16WV	
C109	2	C90-2829-05	ELECTRO	47UF 10WV	
C110	2	C90-2861-05	ELECTRO	10UF 16WV	
C111	2	C90-2829-05	ELECTRO	47UF 10WV	
C112	2	CK73FB1H103K	CHIP C	0.010UF K	
C113	2	C90-2861-05	ELECTRO	10UF 16WV	
C114	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C115	2	CK73FB1E473KTA	CHIP C	0.047UF K	
C116	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C117	2	CK73FB1C104K	CHIP C	0.10UF K	
C118	2	CK73FB1H103K	CHIP C	0.010UF K	
C119	2	C90-2524-05	NP-ELEC	4.7UF 16WV	
C120	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C121	2	CK73EB1E154K	CHIP C	0.15UF K	
C122	2	CK73FB1H822K	CHIP C	8200PF K	
C123	2	C90-2861-05	ELECTRO	10UF 16WV	
C124	2	CK73FB1H221K	CHIP C	220PF K	
C125	2	CK73FB1E823K	CHIP C	0.082UF K	
C126	2	CE04DW1H010M	ELECTRO	1.0UF 50WV	
C127	2	CK73FB1C104K	CHIP C	0.10UF K	
C128	2	CK73FB1H103K	CHIP C	0.010UF K	
C129	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C130	2	CE04DW1A101M	ELECTRO	100UF 10WV	
C131	2	CK73FB1E473KTA	CHIP C	0.047UF K	
C132	2	CE04DW1H010M	ELECTRO	1.0UF 50WV	
C133-135	2	CK73FB1H103K	CHIP C	0.010UF K	
C136	2	CK73FB1H102K	CHIP C	1000PF K	
C137	2	CK73FB1E473KTA	CHIP C	0.047UF K	
C138	2	CK73FB1H103K	CHIP C	0.010UF K	
C139	2	CK73FB1E393KTA	CHIP C	0.039UF K	
C140	2	C90-2829-05	ELECTRO	47UF 10WV	
C141	2	C90-2864-05	ELECTRO	0.47UF 50WV	
C142	2	CK73FB1H103K	CHIP C	0.010UF K	
C143	2	CE04DW1A101M	ELECTRO	100UF 10WV	
C144	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C145	2	CK73FB1H472K	CHIP C	4700PF K	
C146	2	CE04DW1A101M	ELECTRO	100UF 10WV	
C147	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C148	2	C90-2829-05	ELECTRO	47UF 10WV	
C149	2	C90-2860-05	ELECTRO	1.0UF 50WV	
C150, 151	2	CK73FB1H223KTA	CHIP C	0.022UF K	
C152-155	2	CK73FB1H103K	CHIP C	0.010UF K	
C156	2	C90-2863-05	ELECTRO	4.7UF 35WV	
C157-164	2	CK73FB1H153KTA	CHIP C	0.015UF K	
C21	2F	F39-0002-05	LEAD WTRF		

PARTS LIST

*New Parts
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Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d d w	Parts No.	Description	Model Name KRC- s	Destination	(X14-5360-xx)	Destination
△ CN1	2F	E58-0836-05	RECTANGULAR RECEPTACLE(CC)				
CN2		E40-9399-05	FLAT CABLE CONNECTOR				
CN3	2F	E56-0809-05	CYLINDRICAL RECEPTACLE				
CN5		E40-5452-05	PIN ASSY				
CN6		E40-9400-05	PIN ASSY				
J2	2F	E63-0828-05	PHONO JACK (4P. RCA)				
TP1		E40-9184-05	PIN ASSY				
TP2		E40-3640-05	PIN ASSY				
WH2	1F	E30-4136-05	CORD WITH PLUG (ANTENNA)				
CF1 , 2		L72-0723-05	CERAMIC FILTER				
L1		L40-4795-34	FIXED INDUCTOR (4.7uH)				
L3 , 4		L40-4795-34	FIXED INDUCTOR (4.7uH)				
L5		L40-1005-34	FIXED INDUCTOR (10uH)				
L6		L33-1039-05	LINE FILTER COIL (52mH)				
T1		L30-0462-15	FM IFT				
X1		L77-1163-05	CRYSTAL RESONATOR (4.5MHz)				
X1		L77-1165-05	CRYSTAL RESONATOR (4.5MHz)				
X2		L78-0545-05	RESONATOR (456KHz)				
L	2F	M83-3006-46	PAN HEAD TAPTITE SCREW				
S	2F	M64-3010-46	PAN HEAD SEMS SCREW				
T	2F	M80-3010-46	PAN HEAD TAPTITE SCREW				
U	1F	M83-3012-46	PAN HEAD TAPTITE SCREW				
R1		RK73FB2A103J	CHIP R 10K J 1/10W				
R2		RK73FB2A680J	CHIP R 68K J 1/10W				
R3 -6		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R7 -10		RK73FB2A303J	CHIP R 30K J 1/10W				
R11 , 12		RK73FB2A271J	CHIP R 270 J 1/10W				
R15 , 16		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R17 -20		RK73FB2A473J	CHIP R 47K J 1/10W				
R21 -24		RK73FB2A101J	CHIP R 100 J 1/10W				
R25 , 26		RK73FB2A471J	CHIP R 470 J 1/10W				
R27 , 28		RK73FB2A473J	CHIP R 47K J 1/10W				
R29 , 30		RK73FB2A682J	CHIP R 6.8K J 1/10W				
R31 , 32		RK73FB2A622J	CHIP R 6.2K J 1/10W				
R33 , 34		RK73FB2A102J	CHIP R 1.0K J 1/10W				
R35 , 36		RK73FB2A223J	CHIP R 22K J 1/10W				
R37 , 38		RK73FB2A561J	CHIP R 560 J 1/10W				
R39 , 40		RK73FB2A183J	CHIP R 18K J 1/10W				
R41 , 42		RK73FB2A123J	CHIP R 12K J 1/10W				
R43 , 44		RK73FB2A394J	CHIP R 390K J 1/10W				
R45 -48		RK73FB2A473J	CHIP R 47K J 1/10W				
R49 , 50		RK73FB2A151J	CHIP R 15K J 1/10W				
R51		RK73FB2A104J	CHIP R 100K J 1/10W				
R52		RK73FB2A182J	CHIP R 1.8K J 1/10W				
R53 , 54		RK73FB2A104J	CHIP R 100K J 1/10W				
R55		RK73EB2B101J	CHIP R 100 J 1/8W				
R56		RK73FB2A473J	CHIP R 47K J 1/10W				
R57		RK73EB2B102J	CHIP R 1.0K J 1/8W				
R58		RK73FB2A271J	CHIP R 270 J 1/10W				
R59		RK73EB2B102J	CHIP R 1.0K J 1/8W				
R60		RK73FB2A104J	CHIP R 100K J 1/10W				
R61		RK73FB2A103J	CHIP R 10K J 1/10W				
R62 , 63		RK73FB2A104J	CHIP R 100K J 1/10W				
R64		RK73EB2B561J	CHIP R 560 J 1/8W				
R65		RK73EB2B102J	CHIP R 1.0K J 1/8W				
R66		R92-2023-05	CHIP R 820 J 1/2W				
R67		RK73FB2A104J	CHIP R 100K J 1/10W				
R68		RK73EB2B101J	CHIP R 100 J 1/8W				
R69		RK73FB2A471J	CHIP R 470 J 1/10W				
R70 , 71		RK73EB2B101J	CHIP R 100 J 1/8W				
R72		RK73FB2A470J	CHIP R 47 J 1/10W				
R73		RK73FB2A392J	CHIP R 3.9K J 1/10W				
R74		RK73FB2A104J	CHIP R 100K J 1/10W				
R75		RK73EB2B101J	CHIP R 100 J 1/8W				
R76		RK73FB2A471J	CHIP R 470 J 1/10W				
R77		RK73FB2A104J	CHIP R 100K J 1/10W				
R78		RK73EB2B222J	CHIP R 2.2K J 1/8W				
R79		RK73FB2A103J	CHIP R 10K J 1/10W				
R80		RK73EB2B222J	CHIP R 2.2K J 1/8W				
R81		RK73FB2A103J	CHIP R 10K J 1/10W				
R82		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R83		RK73FB2A473J	CHIP R 47K J 1/10W				
R84		RK73FB2A103J	CHIP R 10K J 1/10W				
R85		R92-2018-05	CHIP R 560 J 1/2W				
R86		RK73EB2B103J	CHIP R 10K J 1/8W				
R87		RK73FB2A392J	CHIP R 3.9K J 1/10W				
R88		RK73FB2A104J	CHIP R 100K J 1/10W				
R89		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R90		RK73EB2B103J	CHIP R 10K J 1/8W				
R91		RK73FB2A104J	CHIP R 100K J 1/10W				
R92		RK73EB2B433J	CHIP R 43K J 1/8W				
R93		RK73FB2A104J	CHIP R 100K J 1/10W				
R94		RS14DB3A333J	FL-PROOF RS 3.3K J 1W				
R95		RK73FB2A183J	CHIP R 18K J 1/10W				
R96		RK73FB2A123J	CHIP R 12K J 1/10W				
R97		RK73FB2A683J	CHIP R 68K J 1/10W				
R98		RK73FB2A223J	CHIP R 22K J 1/10W				
R99		RK73FB2A102J	CHIP R 1.0K J 1/10W				
R100		RK73FB2A303J	CHIP R 30K J 1/10W				
R101		RK73FB2A682J	CHIP R 6.8K J 1/10W				
R102		RK73FB2A334J	CHIP R 330K J 1/10W				
R103		RK73FB2A103J	CHIP R 10K J 1/10W				
R104		RK73FB2A223J	CHIP R 22K J 1/10W				
R107		RK73FB2A222J	CHIP R 2.2K J 1/10W				
R111-113		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R116		RK73FB2A102J	CHIP R 1.0K J 1/10W				
R117		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R118, 119		RK73FB2A223J	CHIP R 22K J 1/10W				
R120		RK73FB2A103J	CHIP R 10K J 1/10W				
R121		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R122		RK73FB2A102J	CHIP R 1.0K J 1/10W				
R124-128		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R129		RK73FB2A222J	CHIP R 2.2K J 1/10W				
R130		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R131		RK73FB2A222J	CHIP R 2.2K J 1/10W				
R132		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R133, 134		RK73FB2A222J	CHIP R 2.2K J 1/10W				
R135		RK73FB2A472J	CHIP R 4.7K J 1/10W				
R136		RK73FB2A102J	CHIP R 1.0K J 1/10W				

E: Europe K: North America M: Other Areas
W: Without Europe

△ indicates safety critical components.

PARTS LIST

*New Parts
Parts without Part No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Teile ohne Parts No. werden nicht geliefert.					Destination					(X14-5360-xx)					Destination				
Ref.No.	A d d w	Parts No.	Description	Model Name KRC- s	D e s	Ref.No.	A d d w	Parts No.	Description	Model Name KRC- s	D e s	Ref.No.	A d d w	Parts No.	Description	Model Name KRC- s	D e s		
R137		RK73FB2A101J	CHIP R 100 J 1/10W			R199		RK73FB2A123J	CHIP R 12K J 1/10W										
R138		RK73FB2A102J	CHIP R 1.0K J 1/10W			R200		RK73FB2A473J	CHIP R 47K J 1/10W										
R139		RK73FB2A473J	CHIP R 47K J 1/10W	802	K	R201		RK73FB2A823J	CHIP R 82K J 1/10W										
R139		RK73FB2A473J	CHIP R 47K J 1/10W	902	K	R202		RK73FB2A472J	CHIP R 4.7K J 1/10W										
R140		RK73FB2A102J	CHIP R 1.0K J 1/10W			R203		RK73FB2A222J	CHIP R 2.2K J 1/10W										
R141		RK73FB2A473J	CHIP R 47K J 1/10W	882	M	R204		RK73EB2B47J	CHIP R 4.7 J 1/8W										
R142		RK73FB2A101J	CHIP R 100 J 1/10W			R205		RK73FB2A472J	CHIP R 4.7K J 1/10W										
R143		RK73FB2A103J	CHIP R 10K J 1/10W	902	K	R206		RK73FB2A103J	CHIP R 10K J 1/10W										
R144		RK73FB2A472J	CHIP R 4.7K J 1/10W			R207		RK73FB2A223J	CHIP R 22K J 1/10W										
R145		RK73FB2A101J	CHIP R 100 J 1/10W			R208		RK73FB2A562J	CHIP R 5.6K J 1/10W										
R146		RK73FB2A223J	CHIP R 22K J 1/10W	902	K	R209		RK73FB2A331J	CHIP R 330 J 1/10W										
R147		RK73FB2A472J	CHIP R 4.7K J 1/10W			R210		RK73FB2A223J	CHIP R 22K J 1/10W										
R148		RK73FB2A223J	CHIP R 22K J 1/10W			R211		RK73FB2A433J	CHIP R 43K J 1/10W										
R149		RK73FB2A102J	CHIP R 1.0K J 1/10W			R212		RK73FB2A224J	CHIP R 220K J 1/10W										
R150		RK73FB2A223J	CHIP R 22K J 1/10W			R213		RK73FB2A334J	CHIP R 330K J 1/10W										
R151		RK73FB2A102J	CHIP R 1.0K J 1/10W			R214		RK73FB2A163J	CHIP R 16K J 1/10W										
R152		RK73FB2A122J	CHIP R 1.2K J 1/10W			R215		RK73FB2A103J	CHIP R 10K J 1/10W										
R153		RK73FB2A223J	CHIP R 22K J 1/10W			R216		RK73FB2A333J	CHIP R 33K J 1/10W										
R154		RK73FB2A562J	CHIP R 5.6K J 1/10W			R217		RK73FB2A103J	CHIP R 10K J 1/10W										
R156		RK73FB2A223J	CHIP R 22K J 1/10W			R218		RK73FB2A562J	CHIP R 5.6K J 1/10W										
R157		RK73FB2A472J	CHIP R 4.7K J 1/10W			R219		RK73EB2B151J	CHIP R 1.5 J 1/8W										
R158, 159		RK73FB2A103J	CHIP R 10K J 1/10W			R220		RK73EB2B47J	CHIP R 4.7 J 1/8W										
R160, 161		RK73FB2A102J	CHIP R 1.0K J 1/10W			R221		RK73FB2A183J	CHIP R 18K J 1/10W										
R162		RK73FB2A103J	CHIP R 10K J 1/10W			R222		RK73FB2A102J	CHIP R 1.0K J 1/10W										
R163		RK73FB2A102J	CHIP R 1.0K J 1/10W			R223, 224		RK73FB2A104J	CHIP R 100K J 1/10W										
R164, 165		RK73FB2A472J	CHIP R 4.7K J 1/10W			R225		RK73FB2A471J	CHIP R 470 J 1/10W										
R166		RK73FB2A333J	CHIP R 33K J 1/10W			R226		RK73FB2A104J	CHIP R 100K J 1/10W										
R167		RK73FB2A223J	CHIP R 22K J 1/10W			R227-229		RK73FB2A101J	CHIP R 470 J 1/10W										
R168		RK73FB2A102J	CHIP R 1.0K J 1/10W			R230, 231		RK73FB2A104J	CHIP R 100K J 1/10W										
R169		RK73FB2A472J	CHIP R 4.7K J 1/10W			R232		RK73FB2A101J	CHIP R 470 J 1/10W										
R170, 171		RK73FB2A222J	CHIP R 2.2K J 1/10W			R233		RK73FB2A473J	CHIP R 47K J 1/10W										
R172-174		RK73FB2A472J	CHIP R 4.7K J 1/10W			R234		RK73FB2A682J	CHIP R 6.8K J 1/10W										
R175		RK73FB2A223J	CHIP R 22K J 1/10W			VR1 .2													
R176		RK73FB2A473J	CHIP R 47K J 1/10W			VR3													
R177		RK73FB2A223J	CHIP R 22K J 1/10W																
R178		RK73FB2A563J	CHIP R 56K J 1/10W			VR1 .2		R92-2052-05	TRIMMING POT. (10K)										
R179		RK73FB2A334J	CHIP R 330K J 1/10W					R32-0212-05	SEMI FIXED VARIABLE RESIST										
R180		RK73FB2A103J	CHIP R 10K J 1/10W			VR1 .2													
R181		RK73FB2A222J	CHIP R 2.2K J 1/10W																
R182		RK73FB2A101J	CHIP R 100 J 1/10W			S1		S74-0809-05	MICRO SWITCH										
R183		RK73FB2A471J	CHIP R 470 J 1/10W			B21		T95-0207-05	PIEZOELECTRIC VIBRATOR										
R184		RK73FB2A332J	CHIP R 3.3K J 1/10W			D1 -4		DA204K	DIODE										
R185		RK73FB2A302J	CHIP R 3.0K J 1/10W			D7 -9		RD6.22	ZENER DIODE										
R186		RK73FB2A271J	CHIP R 270 J 1/10W			D10		MA3091-L	ZENER DIODE										
R187		RK73FB2A223J	CHIP R 22K J 1/10W			D11		MA3062-L	ZENER DIODE										
R188		RK73FB2A154J	CHIP R 150K J 1/10W			D12		DAN202K	DIODE										
R189		RK73FB2A393J	CHIP R 39K J 1/10W			D13		MA152WK	DIODE										
R190, 191		RK73FB2A104J	CHIP R 100K J 1/10W			D14		UZL-11(L3)	ZENER DIODE										
R192		RK73FB2A680J	CHIP R 68 J 1/10W			D15		AM01Z	DIODE										
R193		RK73FB2A102J	CHIP R 1.0K J 1/10W			D16		DSM1S02	DIODE										
R194		RK73FB2A331J	CHIP R 330 J 1/10W			D17		DAN202K	DIODE										
R195		RK73FB2A222J	CHIP R 2.2K J 1/10W			D18		MA152WK	DIODE										
R196		R92-2104-05	CHIP R 2.2 J 1W			D19		DAP202K	DIODE										
R197		RK73FB2A683J	CHIP R 68K J 1/10W			D20		MA152WK	DIODE										
R198		RK73FB2A103J	CHIP R 10K J 1/10W			D21, 18		AM01Z	DIODE										
R199		RK73FB2A123J	CHIP R 12K J 1/10W			D22		DAP202K	DIODE										

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PARTS LIST

*New Parts

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Teile ohne Parts No. werden nicht geliefert.

Ref.No.	A d e w	N e w	Parts No.	Description	Model Name KRC-	D e s	Destination	Ref.No.	A d e w	N e w	Parts No.	Description	Model Name KRC-	D e s	Destination
D19			MA152WA	DIODE				Q26 , 27			2SC2412K	TRANSISTOR			
D20			RM102LF	DIODE				Q28 , 29			DTA144EK	DIGITAL TRANSISTOR			
D21			UZM5.6B(Y)	ZENER DIODE				Q28 , 29			UN2213	DIGITAL TRANSISTOR			
D22			UZL-7(L3)	ZENER DIODE				Q30			DTA144EK	DIGITAL TRANSISTOR			
D23			DAP202K	DIODE				Q30			UN2113	DIGITAL TRANSISTOR			
D23			MA152WA	DIODE				Q31			DTA144EK	DIGITAL TRANSISTOR			
D24			DAN202K	DIODE				Q31			UN2213	DIGITAL TRANSISTOR			
D24			MA152WK	DIODE				Q32			2SA1037K	TRANSISTOR			
D26			DAN202K	DIODE				Q34			DTA143TK	DIGITAL TRANSISTOR			
D26			MA152WK	DIODE				Q34			UN2216	DIGITAL TRANSISTOR			
D27			UZM5.6B(Y)	ZENER DIODE				Q35 , 36			DTA144EK	DIGITAL TRANSISTOR			
D28 , 29			DAP202K	DIODE				Q35 , 36			UN2213	DIGITAL TRANSISTOR			
D28 , 29			MA152WA	DIODE				Q37			2SK536	FET			
D30 , 31			DAN202K	DIODE				Q38			DTA124EK	DIGITAL TRANSISTOR			
D30 , 31			MA152WK	DIODE				Q38			UN2212	DIGITAL TRANSISTOR			
IC1			BA3917-V4	ANALOGUE IC				Q39 , 40			2SC2412K	TRANSISTOR			
IC2			UPD17708GC-E15	MI-COM IC				Q41			DTA144EK	DIGITAL TRANSISTOR			
IC3			TDAT384A	ANALOGUE IC				Q41			UN2113	DIGITAL TRANSISTOR			
IC4			BA3131FS	ANALOGUE IC				Q42			DTA144EK	DIGITAL TRANSISTOR			
IC5			TC4W66F	IC				Q42			UN2213	DIGITAL TRANSISTOR			
IC6			TDAT420	ANALOGUE IC				Q43			DTA144EK	DIGITAL TRANSISTOR			
IC7			LA1143B	ANALOGUE IC				Q43			UN2113	DIGITAL TRANSISTOR			
IC8			HA12163FP	ANALOGUE IC				Q44			DTA124EK	DIGITAL TRANSISTOR			
IC8			HA12163FP	ANALOGUE IC				Q45			DTA144EK	DIGITAL TRANSISTOR			
IC8			HA12173FP	ANALOGUE IC				Q45			UN2213	DIGITAL TRANSISTOR			
IC9			BA6238A	ANALOGUE IC				Q46 , 47			2SC2413K	TRANSISTOR			
Q3 - 6			DTA143TK	DIGITAL TRANSISTOR				TH1			NT732TD33KJ	THERMISTOR			
Q3 - 6			UN2216	DIGITAL TRANSISTOR											
Q7			2SC2412K	TRANSISTOR				A1			2F	W02-1524-05	FM/AM FRONT-END		
Q8			DTA114EK	DIGITAL TRANSISTOR											
Q8			UN2111	DIGITAL TRANSISTOR											
Q9			DTA144EK	DIGITAL TRANSISTOR											
Q9			UN2213	DIGITAL TRANSISTOR											
Q10			2SB1565	TRANSISTOR											
Q11			2SB1443	TRANSISTOR											
Q12			DTA124EK	DIGITAL TRANSISTOR											
Q12			UN2112	DIGITAL TRANSISTOR											
Q13			DTA124EK	DIGITAL TRANSISTOR											
Q13			UN2212	DIGITAL TRANSISTOR											
Q14			DTA114YK	DIGITAL TRANSISTOR											
Q15			DTA124EK	DIGITAL TRANSISTOR											
Q15			UN2212	DIGITAL TRANSISTOR											
Q16			2SB1443	TRANSISTOR											
Q17			DTA114YK	DIGITAL TRANSISTOR											
Q18			2SB1184	TRANSISTOR											
Q19			2SB1443	TRANSISTOR											
Q20			DTA114YK	DIGITAL TRANSISTOR											
Q21			2SC2412K	TRANSISTOR											
Q22			2SB1443	TRANSISTOR											
Q23			DTA114EK	DIGITAL TRANSISTOR											
Q23			UN2111	DIGITAL TRANSISTOR											
Q24			DTA114YK	DIGITAL TRANSISTOR											
Q25			DTA144EK	DIGITAL TRANSISTOR											
Q25			UN2213	DIGITAL TRANSISTOR											

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⚠ indicates safety critical components.

KRC-802/882/902

PARTS LIST

*New Parts

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Ref.No.	A d e w	N e w	Parts No.	Description	Model Name KRC-	D e s	Destination	Ref.No.	A d e w	N e w	Parts No.	Description	Model Name KRC-	D e s	Destination
IC1			UPD16431A	MOS-IC				90			N86-2004-46	BIND. HEAD TAPTITE SCREW			
IC2			RS-31N	ANALOGUE IC				92			N09-4115-08	SCREW			
Q1			DTA114EK	DIGITAL TRANSISTOR				93			N35-2005-46	BIND. HEAD MACHINE SCREW			
Q1			UN2111	DIGITAL TRANSISTOR				96			N38-2630-45	MACHINE SCREW			
CASSETTE MECHA. ASSY (D40-1065-05)															
2			A11-0891-08	SUB CHASSIS ASSY				101			N19-2052-08	FLAT WASHER			
3			A11-0892-08	SUB CHASSIS ASSY				102			N19-2053-08	FLAT WASHER			
4			D10-2915-08	ARM ASSY				103			N19-2054-08	FLAT WASHER			
5			D10-3026-08	ARM ASSY				104			N19-2055-08	FLAT WASHER			
6			D10-2917-08	ARM ASSY				107			N19-2056-08	FLAT WASHER			
7			J19-4605-08	HOLDER ASSY				111			N24-3015-41	RETAINING RING			
10			D13-1211-08	GEAR ASSY				112			N24-3030-41	RETAINING RING			
11			D13-1166-08	GEAR ASSY				113			J26-4010-08	PRINT BOARD ASSY			
12			D13-1167-08	GEAR ASSY				114			Q02-1185-08	PLATE SPRING			
16			D10-2918-08	ARM ASSY (F)				115			D10-2924-08	ARM			
17			D10-2919-08	ARM ASSY (R)				117			D10-2925-08	LEVER			
18			D01-0606-08	FLYWHEEL ASSY				118			D10-2926-08	LEVER			
19			D01-0607-08	FLYWHEEL ASSY				119			Q01-2704-08	TORSION SPRING			
21			D13-1215-08	GEAR				126			N38-1770-45	SCREW			
22			D10-2920-08	LEVER				137			E40-9343-08	PIN ASSY			
23			D10-2921-08	LEVER ASSY				138			G11-1648-08	CUSHION			
24			D10-2922-08	LEVER				139			Q21-2193-08	SHAFT ASSY			
25			J19-4557-08	BRACKET				HD1			T31-0215-08	PLAYBACK HEAD			
28			D10-3027-08	ARM ASSY				M1			T43-0102-08	DC MOTOR (MAIN)			
30			B09-0520-08	CAP				M2			T43-0103-08	DC MOTOR (SUB)			
31			D10-2923-18	ARM				PH1 , 2			T95-0215-08	OPTO ISOLATOR			
32			D13-1168-08	GEAR				PH3			T95-0213-08	PHOTO COUPLER			
33			D13-1169-18	GEAR				S1			S74-0805-08	PUSH SWITCH			
34			D13-1170-08	GEAR				S2 , 3			S74-0806-08	LEAF SWITCH			
35			D13-1171-08	GEAR											
36			D13-1172-08	GEAR											
37			D13-1173-08	GEAR											
38			D13-1174-08	GEAR											
39			D15-0910-08	PULLEY											
40			D15-0911-08	PULLEY											
42			J90-0744-18	GUIDE											
48			D14-0648-08	ROLLER											
49			D14-0649-08	ROLLER											
50			D14-0650-08	ROLLER											
52			D10-3028-08	ARM											
53			G01-2706-08	TORSION SPRING											
54			G01-2739-08	TENSION SPRING											
55			G01-2699-08	COMPRESSION SPRING											
57			G01-2732-08	TENSION SPRING											
58			G01-2701-08	TENSION SPRING											
60			G01-2702-08	TORSION SPRING											
61			G01-2703-08	TORSION SPRING											
65			G09-2010-08	FORMED WIRE											
66			D16-0607-08	BELT											
70			J26-4009-08	PRINT BOARD ASSY											
85			N38-2022-45	MACHINE SCREW											
86			N38-2030-46	MACHINE SCREW											
87			N09-4114-08	SCREW											
88			N38-2020-45	MACHINE SCREW											
89			N35-2003-46	BIND. HEAD MACHINE SCREW											

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KRC-802/882/902

SPECIFICATIONS

Specifications subject to change without notice.

FM tuner section

Frequency range	
(50 kHz Space)(KRC-882 only)	87.5 MHz – 108.0 MHz
(200 kHz Space)	87.9 MHz – 107.9 MHz
Usable sensitivity (S/N = 30dB)	9.3dBf (0.8 μ V/75 ohms)
Quieting Sensitivity (S/N = 50dB)	15.2dBf (1.6 μ V/75 ohms)
Frequency response (\pm 3.0 dB)	30 Hz – 15 kHz
Signal to Noise ratio (MONO)	75 dB
Selectivity (\pm 400 kHz)	\geq 80 dB
Image Response Ratio	70 dB
IF Response Ratio	120 dB
Stereo separation (1 kHz)	40 dB

AM tuner section

Frequency range	
(9 kHz space)(KRC-882 only)	531 kHz – 1611 kHz
(10 kHz space)	530 kHz – 1700 kHz
Usable sensitivity (S/N = 20 dB)	28 dB (25 μ V)

Cassette player section

Tape speed	4.76 cm/sec.
Wow & Flutter (WRMS)	0.08 %
Frequency response (70 μ s)	30 Hz – 20 kHz (\pm 3 dB)
Separation (1 kHz)	43 dB
Signal to Noise ratio (Dolby NR OFF)	57 dB
(Dolby B NR ON)	65 dB
(Dolby C NR ON)(KRC-902 only)	73 dB

Audio section

Maximum output power	35 W \times 4
Full bandwidth power (at less than 1% THD)	20 W \times 4
Tone action	
Bass:	100 Hz \pm 10 dB
Treble:	10 kHz \pm 10 dB
Preout level / Load	1800 mV / 10 k ohms
Preout Impedance	\leq 600 ohms

General

Operating voltage	14.4 V (11 – 16 V allowable)
Current consumption	10 A at Rated power
Installation size (W \times H \times D)	182 \times 53 \times 163 mm
	7-3/16 \times 2-1/16 \times 6-7/16 in.
Weight	2.0 kg
	4.4LBS

KENWOOD follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on North America (K) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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